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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: NOVEL ANTI-IL 13 ANTIBODIES AND USES THEREOF

(57) Abstract: The present invention relates to anti-IL13 antibodies that bind specifically and with high affinity to both glycosylated and non-glycosylated human IL13, does not bind mouse IL13, and neutralize human IL13 activity at an approximate molar ratio of 1:2 (MAb:IL13). The invention also relates to the use of these antibodies in the treatment of IL13-mediated diseases, such as allergic disease, including asthma, allergic asthma, non-allergic (intrinsic) asthma, allergic rhinitis, atopic dermatitis, allergic conjunctivitis, eczema, urticaria, food allergies, chronic obstructive pulmonary disease, ulcerative colitis, RSV infection, uveitis, scleroderma, and osteoporosis.

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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: C12Q 1/70(2006.01);A61K 39/395(2006.01);C07K 16/00(2006.01);C07K 4/00(2006.01);C07H 21/04(2006.01)
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USPC: 435/5;530/387.1,300;424/130.1;536/23.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 435/5;530/387.1,300;424/130.1;536/23.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,911,530 B1 (WILLSON et al) 28 June 2005 (28.06.2005), see Cols. 2, 16-18	1,7,14-16,34-36
A	BOST et al. In Vivo Treatment with Anti-Interleukin-13 Antibodies Significantly Reduces the Humoral Immune Response Against an Oral Immunogen in Mice. Immunology. April 1996, Vol. 87, No. 4, pages 633-641, see entire document	1-61
A	VAN DER POUW KRAAN et al. Human IL-13 Production is Negatively Influenced by CD3 Engagement -- Enhancement of IL-13 Production by Cyclosporin A1. J. Immunol. March 1996, Vol. 156, No. 5, pages 1818-1823.	1-61

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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